

Project Name: Preliminary Assessment and Survey of Land Degradation in the Dalrymple Shire, QLD
Project Code: DLR **Site ID:** 457 **Observation ID:** 1
Agency Name: QLD Department of Primary Industries

Site Information

Desc. By:	Barry, Earl	Locality:	
Date Desc.:	18/11/91	Elevation:	275 metres
Map Ref.:	Sheet No. : 8156 GPS	Rainfall:	No Data
Northing/Long.:	7686443 AMG zone: 55	Runoff:	Moderately rapid
Easting/Lat.:	413919 Datum: AGD66	Drainage:	Well drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	Level plain <9m <1%	Pattern Type:	Plain
Morph. Type:	Flat	Relief:	No Data
Elem. Type:	Plain	Slope Category:	Level
Slope:	1 %	Aspect:	320 degrees

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:		Mapping Unit:	N/A
Haplic Eutrophic Red Kandosol Medium Non-gravelly Clay-loamy Clayey Shallow		Principal Profile Form:	Gn2.12
ASC Confidence:		Great Soil Group:	Red earth

No analytical data are available but confidence is fair.

Site Disturbance: No effective disturbance other than grazing by hoofed animals

Vegetation: Low Strata - Tussock grass, 0.26-0.5m, Sparse. *Species includes - Aristida species, Themeda triandra, Chrysopogon

Mid Strata - Tree, 3.01-6m, Sparse. *Species includes - Eucalyptus melanophloia

Tall Strata - Tree, 6.01-12m, Sparse. *Species includes - Eucalyptus melanophloia, Eucalyptus brownii

Surface Coarse Fragments: 0-2%, medium gravelly, 6-20mm, subrounded, Quartz

Profile Morphology

A1	0 - 0.12 m	Dusky red (2.5YR3/2-Moist); ; Sandy clay loam; Weak grade of structure, 5-10 mm, Angular blocky; Earthy fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 6.5 (Raupach, 0.05);
B1	0.12 - 0.25 m	Dark reddish brown (5YR3/4-Moist); ; Fine sandy clay loam; Weak grade of structure, 5-10 mm, Angular blocky; Earthy fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , ,
B2	0.25 - 0.3 m	Reddish brown (2.5YR4/4-Moist); ; Light clay; Weak grade of structure, 5-10 mm, Angular blocky; Earthy fabric; Dry; Weak consistence; , Calcareous, , , , Gypseous, , , Field pH 7

Morphological Notes

Observation Notes

Site Notes

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable		CEC	ECEC		ESP	
m		dS/m	Ca	Mg	K	Na	Acidity					%
						Cmol (+)/kg						

Depth	CaCO3	Organic C	Avail. P	Total P	Total N	Total K	Bulk Density	Particle		Size	Analysis	
m	%	%	mg/kg	%	%	%	Mg/m3	GV	CS	FS	Silt	Clay
										%		

Depth	COLE	Gravimetric/Volumetric Water Contents						K sat	K unsat	
m		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar	15 Bar		
					g/g -	m3/m3			mm/h	mm/h

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Laboratory Analyses Completed for this profile